



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,413	09/16/2003	Sheng Feng Liu	SP3022-P-1374-AAA	9666

7590 06/15/2005

SHENG FENG LIU
235 Chung - Ho
Box 10-69
Taipei,
TAIWAN

EXAMINER

PEACHES, RANDY

ART UNIT	PAPER NUMBER
----------	--------------

2686

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/662,413

Applicant(s)

LIU ET AL.

Examiner

Randy Peaches

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 9/16/2003 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. ***Claims 1-3 and 5-6*** are rejected under 35 U.S.C. 102(e) as being anticipated by Jiang (U.S. Patent Application Number 2005/0075106 A1).

Regarding ***claim 1***, Jiang discloses a method and apparatus wherein subscribers who use one or more phones comprising a main phone a, SIM card and a multiple associated handset. See paragraph [0240].

- the main phone being a personal main phone and an in-car main phone. See paragraph [0240];
- the multi-user main phone, personal main phone and in-car main phone hunting , which reads on claimed "searching,"(see paragraph [0244]) for sub-phones automatically and the frequencies thereof so that signals of the main phone and sub-phones inter-communicate to one another; the main phone being connected to other sub phone through a SIM card. See paragraph [0246].

Art Unit: 2686

Regarding **claim 2**, according to **claim 1**, Jiang continues to disclose wherein the sub-phone has a type a simple phone. See paragraph [0240].

Regarding **claim 3**, according to **claim 1**, Jiang continues to disclose wherein the sub-phone is built in a camera phone. See paragraph [0243].

Regarding **claim 5**, according to **claim 1**, Jiang continues to disclose wherein the phone set is connected to web. Jiang inherently discloses in [0242, 0243] that the subscriber preferences can be changed via a web, which provides support that the said phone is web-enabled.

Regarding **claim 6**, according to **claim 1**, Jiang continues to disclose in paragraph [0004] wherein the phone set is used in a GPRS environment, which reads on claimed "wireless system."

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 4 and 7-8** are rejected under 35 U.S.C. 103(a) as being unpatentable over Jiang (U.S. Patent Application Number 2005/0075106 A1) in view of Rash et al. (U.S. Patent Number 5,020,094).

Regarding **claim 4**, according to **claim 1**, Jiang discloses a method and apparatus wherein subscribers who use one or more phones comprising a main phone a, SIM card and a multiple associated handset. See paragraph [0240].

- the main phone being a personal main phone and an in-car main phone. See paragraph [0240];
- the multi-user main phone, personal main phone and in-car main phone hunting , which reads on claimed "searching,"(see paragraph [0244]) for sub-phones automatically and the frequencies thereof so that signals of the main phone and sub-phones inter-communicate to one another; the main phone being connected to other sub phone through a SIM card. See paragraph [0246].

However, Jiang fails to clearly disclose wherein the said phones has no interference and is installed in a hospital.

Rash et al. teaches in column 3 lines 1-4, that the said systems can be installed in areas of the like, which can include a hospital. Additionally in column 9 lines 15-22 of the said system being free of interference.

Therefore, at the time of the invention it would have been obvious to a person of ordinary skilled in the art to modify the teachings Jiang in view of Rash et al. in order to allow the multi-user system to operate in an interference free environment which includes other said handsets operating a different frequencies.

Regarding **claim 7**, according to **claim 1**, Jiang discloses a method and apparatus wherein subscribers who use one or more phones comprising a main phone a, SIM card and a multiple associated handset. See paragraph [0240].

- the main phone being a personal main phone and an in-car main phone. See paragraph [0240];
- the multi-user main phone, personal main phone and in-car main phone hunting , which reads on claimed "searching,"(see paragraph [0244]) for sub-phones automatically and the frequencies thereof so that signals of the main phone and sub-phones inter-communicate to one another; the main phone being connected to other sub phone through a SIM card. See paragraph [0246].

However, Jiang fails to clearly disclose wherein the phone set is used in a hospital, and then is redirected to an indoor phone without electromagnetic wave interference.

Rash et al. teaches in column 3 lines 1-4, that the said systems can be installed in areas of the like, which can include a hospital. Additionally in column 9 lines 11-22 of the said system being free of interference and attached to a land line phone.

Therefore, at the time of the invention it would have been obvious to a person of ordinary skilled in the art to modify the teachings Jiang in view of Rash et al. in order to allow the multi-user system to operate in an interference free environment which includes other said handsets operating a different frequencies.

Regarding **claim 8**, according to **claim 1**, Jiang discloses a method and apparatus wherein subscribers who use one or more phones comprising a main phone a, SIM card and a multiple associated handset. See paragraph [0240].

- the main phone being a personal main phone and an in-car main phone. See paragraph [0240];
- the multi-user main phone, personal main phone and in-car main phone hunting , which reads on claimed "searching,"(see paragraph [0244]) for sub-phones automatically and the frequencies thereof so that signals of the main phone and sub-phones inter-communicate to one another; the main phone being connected to other sub phone through a SIM card. See paragraph [0246].

However, Jiang fails to clearly disclose wherein no setting operation is used in the phone set, and thus the phone set is used in a variety of vehicles.

Rash discloses in column 3 lines 60-67 and column 4 lines 9-15 wherein a the said phone-set are used a hand-held unit, in a truck and in an automobile.

Art Unit: 2686

Therefore, at the time of the invention it would have been obvious to a person of ordinary skilled in the art to modify the teachings Jiang in view of Rash et al. in order to allow the multi-user system to operate in various location dependent on the user preferences.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Randy Peaches whose telephone number is (571) 272-7914. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on (571) 272-7905. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Randy Peaches


CHARLES APPIAH
PRIMARY EXAMINER

Application/Control Number: 10/662,413

Page 8

Art Unit: 2686

June 13, 2005